

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	999	726/26.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/01 17:36
L2	101	726/26.ccls. and @ad<"19981201"	US-PGPUB; USPAT	OR	ON	2006/03/01 17:37
L3	3	((application or software) adj2(id or identification or value)) same ("device id" or "device identification" or "serial no" or "srial number") and ("713"/.ccls. or "380"/.ccls.) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2006/03/01 17:52
S5	1	US-4896319-\$.DID.	US-PGPUB; USPAT	OR	ON	2006/03/01 17:36
S7	61	("5838812"   "5724423"   "5175766")".pn"	US-PGPUB; USPAT	OR	ON	2005/10/20 07:28
S9	1	("5478994").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/22 10:03
S10	6	((("5175766") or ("5838812") or ("4896319") or ("5724423") or ("5661806") or ("5577121"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/22 10:05
S11	4	((("5838812") or ("5724423") or ("4896319") or ("5175766"))).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/09 15:10
S12	181	380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 14:01
S14	23	(device or "set-top box" or "set top box") with ("serial no" or "serial number" or id or identification) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 15:24
S15	5	(device or "set-top box" or "set top box") near3 ("serial no" or "serial number" or id or identification) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 15:27
S17	100	(device or "set-top box" or "set top box") near3 ("serial no" or "serial number" or id or identification) with (encryption) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 15:37
S31	10	("message authentication" or mac) with network with ("device id" or "device identification" or "serial no" or "srial number") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 16:07
S32	22	("message authentication" or mac) with ("device id" or "device identification" or "serial no" or "srial number") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 16:12

## EAST Search History

S34	3	(message adj2 generat\$3) with ("device id" or "device identification" or "serial no" or "srial number") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 16:14
S36	1	(pc or computer) with ("card reader") with ((smart\$1card or smartcard) with (processor or mcu or microprocessor)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 16:22
S37	7	("card reader") with ((smart\$1card or smartcard) with (processor or mcu or microprocessor)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/09 16:22
S38	1	"5828851".pn.	US-PGPUB; USPAT	OR	ON	2004/12/10 15:09
S39	3	secure adj2 message and 380/241. ccls. and @ad<"19981101."	US-PGPUB; USPAT	OR	ON	2004/12/10 15:09
S41	1	("device id" or "device identification" or "serial no" or "srial number") same("application id" or "application identif") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 15:38
S42	245	network with ("device id" or "device identification" or "serial no" or "srial number") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 15:38
S44	10	network with ("device id" or "device identification" or "serial no" or "srial number") with (mac or "message authentication code" or "keyed hash") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/05/04 14:56
S48	22	(combin\$3 with (message or address)) and 380/241 and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/05/04 16:33
S52	17	message with (source adj2 authenticat\$3)and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 16:26
S53	29	713/154.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 16:28
S54	144	(transmit\$3 and receive\$3) with (secure near3 (message or packet or data)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 16:30
S55	15	(transmit\$3 and receive\$3) with (secure near3 (message or packet or data)) with network and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 16:31
S56	105	(transmit\$3 and receive\$3) with ((message or packet or data) near3 identification) with network and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/10 16:32

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S60	1	(combin\$3 with (address with (message adj2 block))) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 09:11
S61	93	(online or internet) with (secure adj2 transaction) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:47
S63	12	(secure with (message adj2 block)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 09:12
S68	317	(" message block") same address and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:11
S70	169	(" message block") with address and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:11
S71	1	(" message block") with address with (device with (id or identification or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:13
S72	2	(" message block") with address same (device with (id or identification or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:14
S73	83	(secure with (("credit card" or pos or "point of sale" or ecommerce) near3 transaction)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:16
S74	32	S73 and (device with (id or identification or "serial no" or "serial number"))	US-PGPUB; USPAT	OR	ON	2004/12/13 11:16
S77	89	(message same (integrity and confidentiality)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:27
S78	56	(message with (integrity and confidentiality)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 11:59
S80	26	(secur\$3 with "message block") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 12:09
S86	0	(online or internet) with (secure adj2 transaction) with (("addressing data") ) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/05/05 10:53
S87	2	(online or internet) with (secure adj2 transaction) with (("address") ) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 13:50
S88	121	(online or internet) with (secure\$3 with (transmit\$3 or receiv\$3)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 13:51

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S89	1	(online or internet) with (secure\$3 with (transmit\$3 or receiv\$3)) with message with address and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 13:53
S90	1	(online or internet) with (secure\$3 with (transmit\$3 or receiv\$3)) with (message or packet or data) with address and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 13:53
S91	50	(online or internet) with (secure\$3 with (transmit\$3 or receiv\$3)) with (message or packet or data) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 13:54
S92	13	(combin\$3 with ("address data" or address or ((source or destination) near3 address))) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 14:07
S93	13	(combin\$3 with ("address data" or address or "packet address" or ((source or destination) near3 address))) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 14:20
S94	8070	(combin\$3 with ("address data" or address or "packet address" or ((source or destination) near3 address))) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 14:08
S95	35	(combin\$3 with ("address data" or address or "packet address" or ((source or destination) near3 address))) and 713/200-201.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 14:21
S96	13	(combin\$3 with ("address data" or address or "ip address" or "packet address" or ((source or destination) near3 address))) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 14:20
S97	35	(combin\$3 with ("address data" or address or "ip address" or "packet address" or ((source or destination) near3 address))) and 713/200-201.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:44
S98	1	"5838812".pn.	US-PGPUB; USPAT	OR	ON	2004/12/13 15:27
S99	1	"5661806".pn.	US-PGPUB; USPAT	OR	ON	2004/12/13 15:36
S100	599	"ip header" and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:36
S101	0	S86 and S100	US-PGPUB; USPAT	OR	ON	2004/12/13 15:36

## EAST Search History

S10 2	274	"ip header" with address and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:37
S10 3	0	"ip header" with address and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:37
S10 4	35	(combin\$3 with ("address data" or address or "ip header" or "ip address" or "packet address" or ((source or destination) near3 address))) and 713/200-201.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:45
S10 7	7	(secure adj2 transaction) same ("ip header" or "ip address") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:49
S10 8	181	380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/13 15:51
S10 9	4665	("addressing data" or "ip address" or "ip header") with ((source and destination) near3 address) and @ad<"19981101."	US-PGPUB; USPAT	OR	ON	2004/12/13 16:41
S11 1	3	("addressing data" or "ip address" or "ip header") with ((source and destination) near3 address) same (message near3 (authentication or integrity)) and @ad<"19981101."	US-PGPUB; USPAT	OR	ON	2004/12/13 16:46
S11 2	4	("addressing data" or "ip address" or "ip header") with ((source and destination) near3 address) with (ecommerce or "electronic commerce" or pos) and @ad<"19981101."	US-PGPUB; USPAT	OR	ON	2004/12/13 16:48
S11 5	5	("addressing data" or "ip address" or "ip header") with ((source and destination) near3 address) same (ecommerce or "electronic commerce" or pos or "point of sale" ) and @ad<"19981101."	US-PGPUB; USPAT	OR	ON	2004/12/13 16:48
S12 1	61	("5838812"   "5724423"   "5175766" )	US-PGPUB; USPAT	OR	ON	2004/12/14 13:11
S12 2	7	(combin\$3 or unite or join\$3) with (address or "ip address" or "ip header") with (device adj2 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 13:17

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S12 3	7	(combin\$3 or unite or join\$3) with (address or "ip address" or "ip header" or ((source or destination) near3 address)) with (device adj2 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 13:18
S12 4	1	(combin\$3 or unite or join\$3) with ("ip address" or "ip header" or ((source or destination) near3 address)) with (device adj2 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 13:19
S12 5	1	(combin\$3 or unite or join\$3) with ("ip address" or "ip header" or ((source or destination) near3 address)) same (device adj2 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 14:03
S12 6	2	(combin\$3 or unite or join\$3) with ("ip address" or "ip header" or ((source or destination) near3 address)) same (device near3 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 13:40
S12 7	15	(combin\$3 or unite or join\$3 or add\$3) with ("ip address" or "ip header" or ((source or destination) near3 address)) same (device near3 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 14:19
S13 0	94	("ip address" or "ip header" or ((source or destination) near3 address)) same (device adj2 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 14:07
S13 1	5	("ip address" or "ip header" or ((source or destination) near3 address)) same (device adj2 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101" and (380/241.ccls. or 713/200-201.ccls.)	US-PGPUB; USPAT	OR	ON	2004/12/14 14:09

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S13 3	1	("ip address" or "ip header" or ((source or destination) near3 address)) same (device adj2 (id or identification or code or "serial no" or "serial number")) with (combin\$3 or join\$3 or "add together" or unite or "put together") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 14:10
S13 4	15	(combin\$3 or unite or join\$3 or add\$3 or integrate) with ("ip address" or "ip header" or ((source or destination) near3 address)) same (device near3 (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 14:19
S13 5	1	"5478994".pn.	US-PGPUB; USPAT	OR	ON	2004/12/14 14:31
S13 6	1	"5828851".pn.	US-PGPUB; USPAT	OR	ON	2004/12/14 14:32
S13 7	1	"5577121".pn.	US-PGPUB; USPAT	OR	ON	2004/12/14 14:43
S13 8	1	"5724423".pn.	US-PGPUB; USPAT	OR	ON	2004/12/14 14:44
S13 9	1	(combin\$3) with ("source address" or "destination address" or "ip address" or "ip header") with (device with (id or identification or "serial number" or "serial no" or code)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 14:49
S14 0	44	(combin\$3) with ("source address" or "destination address" or "ip address" or "ip header") and (device with (id or identification or "serial number" or "serial no" or code)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:39
S14 1	2	(combin\$3) with ("source address" or "destination address" or "ip address" or "ip header") same (device with (id or identification or "serial number" or "serial no" or code)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:01
S14 7	244	(secur\$3 with (ecommerce or "electronic commerce" or "online transaction" or "internet transaction" or "point of sale")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:30
S15 2	284	(reception or transmission) with (secur\$3 near3 message) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:32

## EAST Search History

S15 4	3	(reception or transmission) with (secur\$3 near3 message) with (device with (id or identification or code or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:32
S15 5	46697	(device with (id or identification or "serial number" or "serial no" or code)) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:38
S15 6	44	(device with (id or identification or "serial number" or "serial no" or code)) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/14 16:39
S15 7	158	(combin\$3) with ("source address" or "destination address" or "ip address" or "ip header") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:31
S15 8	44	S155 and S157	US-PGPUB; USPAT	OR	ON	2004/12/14 16:40
S15 9	2508	authentikat\$3 with (device or application) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:28
S16 0	7	authentikat\$3 with (device or application) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:22
S16 1	3	authentikat\$3 with (device) and 380/241.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:29
S16 2	391	authentikat\$3 adj2 (device) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:29
S16 3	46	(combin\$3) with ( "ip address" or "ip header") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:32
S16 4	1	(combin\$3) with ( "ip address" or "ip header") with (device adj2 (id or identification or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:33
S16 5	1	(combin\$3) with ( "ip address" or "ip header") with (device near2 (id or identification or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:34
S16 8	15	(combin\$3 or unit\$3 or add\$3 or join\$3) with ( "ip address" or "ip header") same (device with (id or identification or "serial no" or "serial number")) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2004/12/16 09:38



## EAST Search History

S16 9	1	(generat\$4 or creat\$4 or produc\$4) with (device near3 (id or identification or (serial adj2 (no or number))) with (application adj2 value)) same ((application or message) near3 value)	US-PGPUB; USPAT	OR	ON	2005/04/18 14:47
S17 0	1	(generat\$4 or creat\$4 or produc\$4) same (device near3 (id or identification or (serial adj2 (no or number))) with (application adj2 value)) same ((application or message) near3 value)	US-PGPUB; USPAT	OR	ON	2005/04/18 14:48
S17 3	48	((("4956863") or ("4797920") or ("6044468") or ("6163841") or ("6209093") or ("6711677") or ("6367014") or ("6226749") or ("6226749") or ("6029150") or ("4935962") or ("6851054") or ("6880079") or ("6052070") or ("5774550") or ("5604801") or ("6233687") or ("4924515") or ("5201000") or ("5293576") or ("5590196") or ("5796841") or ("6026293") or ("6134328") or ("6424718") or ("6493823") or ("6553351") or ("6226382") or ("6226382") or ("5644639") or ("6430407") or ("6630928") or ("6170061") or ("5371794") or ("5982896") or ("6058193") or ("RE36946") or ("5684988") or ("5916306") or ("6047332") or ("5905908") or ("6366967") or ("4850017") or ("4947428") or ("5440634") or ("5680458") or ("5708710") or ("6157633") or ("6771634") or ("5809140"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/22 09:24
S17 4	1	("6418421").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/22 09:31
S17 6	1	("6226618").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/22 09:34
S17 7	3537	713/201.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/01 17:52
S17 8	2958	713/200.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/22 10:05
S17 9	1	713/200.ccls. and ((device near3 (id or identification or "serial no" or "serial number")) with ((application or software) near3 (id or identification)) with ((application or software) near3 value))	US-PGPUB; USPAT	OR	ON	2005/04/22 10:10

## EAST Search History

S18 0	11	(hash\$4 or encrypt\$4 or encipher\$4 or encod\$4) same ((device adj2 (id or identification or "serial no" or "serial number")) with (((application or software) adj2 (id or identification)) or (transaction near3 number)) with (((application or software) adj2 value) or date or time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:16
S18 1	60	((device adj2 (id or identification or "serial no" or "serial number")) with (((application or software) adj2 (id or identification)) or (transaction near3 number)) with (((application or software) adj2 value) or date or time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:17
S18 2	51	((device adj2 (id or identification or "serial no" or "serial number")) with (((application or software) adj2 (id or identification)) or (transaction near3 number)) with (((application or software) adj2 value) or date or time)) and (hash\$4 or encrypt\$4 or encipher\$4 or encod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:18
S18 3	404	713/170.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/03 10:32
S18 6	10	("713"/.ccls. or "380"/.ccls.) and (generat\$4 near3 hash\$3 with (device near3 (id or identification or "serial number" or "serial no")))	US-PGPUB; USPAT	OR	ON	2005/05/03 09:31
S18 7	1	("713"/.ccls. or "380"/.ccls.) and (generat\$4 near3 hash\$3 with (device near3 (id or identification or "serial number" or "serial no"))) same ((application or software) adj2 (id or identification))	US-PGPUB; USPAT	OR	ON	2005/05/03 09:32
S18 8	3	(generat\$4 near3 hash\$3 with (device near3 (id or identification or "serial number" or "serial no"))) same (sign\$4 or signature or "digital signature") same (encrypt\$4 or encod\$4 or encipher\$4)	US-PGPUB; USPAT	OR	ON	2005/05/03 10:23
S18 9	3	(generat\$4 near3 hash\$3 with (device near3 (id or identification or "serial number" or "serial no"))) same (sign\$4 or signature or "digital signature") same (encrypt\$4 or encod\$4 or encipher\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:23
S19 0	1	"5164988".PN.	USPAT; USOCR	OR	ON	2005/05/03 10:27

## EAST Search History

S19 3	9	"713"/.cccls. and (generat\$4 near3 hash\$3 with (device near3 (id or identification or "serial number" or "serial no"))))	US-PGPUB; USPAT	OR	ON	2005/05/03 10:33
S19 4	4	"713"/.cccls. and (generat\$4 near3 hash\$3 with (device near3 (id or identification or "serial number" or "serial no")) and ((application or software) near3 (id or identification)) and (((application or software) near3 value) or date or time or time\$1stamp) )	US-PGPUB; USPAT	OR	ON	2005/05/03 10:36
S19 6	201	head\$4 same (address with (device near3 (id or identification or "serial number" or "serial no"))))	US-PGPUB; USPAT	OR	ON	2005/05/03 14:48
S19 8	12	head\$4 same (address with (device near3 (id or identification or "serial number" or "serial no")))) and ((application or software) near3 (id or identification)) and (((application or software) near3 value) or date or time or time\$1stamp)	US-PGPUB; USPAT	OR	ON	2005/05/03 14:52
S19 9	12	head\$4 same (address with (device near3 (id or identification or "serial number" or "serial no")))) and ((application or software) near3 (id or identification)) and (((application or software) near3 value) or date or time or time\$1stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 15:14
S20 1	2	wo-9832260-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 15:17
S20 2	404	713/170.cccls.	US-PGPUB; USPAT	OR	ON	2005/05/04 10:18
S20 3	83	713/170.cccls. and @ay<"1998"	US-PGPUB; USPAT	OR	ON	2005/05/04 10:14
S20 5	21	combin\$4 with ((address or "ip header") with (device adj2 (id or identification or "serial no" or "serial number"))))	US-PGPUB; USPAT	OR	ON	2005/05/04 11:59
S20 6	3	combin\$4 with ((address or "ip header") with (device adj2 (id or identification or "serial no" or "serial number")))) and @ad<"19981201"	US-PGPUB; USPAT	OR	ON	2005/05/04 12:07

## EAST Search History

S20 7	672	((address or "ip header") with (device adj2 (id or identification or "serial no" or "serial number"))) and @ad<"19981201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/04 12:09
S20 8	7	combin\$4 same ((address or "ip header") with (device adj2 (id or identification or "serial no" or "serial number"))) and @ad<"19981201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/04 12:08
S21 1	10	network with ("device id" or "device identification" or "serial no" or "serial number") with (mac or "message authentication code" or "keyed hash") and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/05/04 14:56
S21 2	2	(combin\$3 with (message or address)) and 380/241 and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/05/04 16:49
S22 2	1	("6170061").PN.	US-PGPUB; USPAT	OR	OFF	2005/05/05 10:56
S22 4	1309	713/176.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/05 10:56
S22 5	319	713/176.ccls. and (secur\$4 with message)	US-PGPUB; USPAT	OR	ON	2005/05/05 10:57
S22 6	170	713/170.ccls. and (secur\$4 with message)	US-PGPUB; USPAT	OR	ON	2005/10/20 06:58
S22 7	42	((application or software) adj2 value) and "380"/.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:23
S22 8	124	((application or software) adj2 (id or identification or value)) and "380"/.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:23
S22 9	2	((application or software) adj2 (id or identification or value)) same ("device id" or "device identification" or "serial no" or "serial number") and "380"/.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:27
S23 0	24	((application or software) same (id or identification or value)) same ("device id" or "device identification" or "serial no" or "serial number") and "380"/.ccls. and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:28

## EAST Search History

S23 1	3	((application or software) adj2(id or identification or value)) same ("device id" or "device identification" or "serial no" or "srial number")and ("713"/.ccls. or "380"/.ccls.) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:32
S23 2	35	("5483658").URPN.	USPAT	OR	ON	2005/10/19 19:31
S23 3	3	((application or software) adj2(id or identification or value)) same ("device id" or "device identification" or "serial no" or "srial number") and ("713"/.ccls. or "380"/.ccls.) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:33
S23 4	1	((application or software) adj2(id or identification or value)) same ("device id" or "device identification" or "serial no" or "srial number") and ("713"/.ccls. ) and @ad<"19981101"	US-PGPUB; USPAT	OR	ON	2005/10/19 19:33
S23 5	1	713/170.ccls. and (((application or software) adj2 value) same "digital signature")	US-PGPUB; USPAT	OR	ON	2005/10/20 07:47
S23 6	3	("5604807"   "6272631"   "6470450").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/20 07:02
S23 7	0	713/170.ccls. and (((application or software) adj2 value) same (secur\$4 adj2 message))	US-PGPUB; USPAT	OR	ON	2005/10/20 07:08
S23 8	0	713/170,176.ccls. and (((application or software) adj2 value) same (secur\$4 adj2 message))	US-PGPUB; USPAT	OR	ON	2005/10/20 07:08
S23 9	651	713/170, "176".ccls. and (((application or software) adj2 value) same "digital signature")	US-PGPUB; USPAT	OR	ON	2005/10/20 07:08
S24 0	5	713/170,176.ccls. and (((application or software) adj2 value) same "digital signature")	US-PGPUB; USPAT	OR	ON	2005/10/20 07:08
S24 1	6	09/067176	US-PGPUB; USPAT	OR	ON	2005/10/20 08:13
S24 2	1	S241 and (device near3 id)	US-PGPUB; USPAT	OR	ON	2005/10/20 07:32
S24 3	6	S241 and ( id)	US-PGPUB; USPAT	OR	ON	2005/10/20 07:32
S24 4	7	713/170.ccls. and (((application or software or transation) adj2 (value or id or identification)) same "digital signature")	US-PGPUB; USPAT	OR	ON	2005/10/20 07:48

## EAST Search History

S24 5	45	"713"/.ccls. and (((application or software or transation) adj2 (value or id or identification)) same "digital signature")	US-PGPUB; USPAT	OR	ON	2005/10/20 07:48
S24 6	7	"713"/.ccls. and (((application or software or transation) adj2 (value or id or identification)) same "digital signature") and @ad<"19981201"	US-PGPUB; USPAT	OR	ON	2005/10/20 08:01
S24 7	24	((application or software or transation) adj2 (value or id or identification)) same (device adj2 (id or identification or serial)) and @ad<"19981201"	US-PGPUB; USPAT	OR	ON	2005/10/20 08:01
S24 8	1	("5917913").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/20 08:13
S24 9	23	("5956404").URPN.	USPAT	OR	ON	2005/10/20 08:54
S25 0	5	((("5764789") or ("5838812") or ("5724423") or ("4896319") or ("5175766"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/20 09:36
S25 1	2	wo-9829983-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:47